

SEQUENCE LISTING

<110> Merck & Co., Inc.

<120> SELECTIVE MELANIN-CONCENTRATING HORMONE
TYPE-1 RECEPTOR AGONISTS

<130> 20954 PCT

<150> 60/347,191

<151> 2002-01-09

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<221> DISULFID

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Arg Cys Met Leu Gly Arg Val Tyr Arg Pro Cys
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<223> Xaa = des-amino-arginine

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<221> AMIDATION
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<221> MOD_RES
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<211> 11

<212> PRT

<213> VArtificial Sequence

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<223> Xaa = citrulline

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<221> ACETYLATION

<222> (1)...(1)

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<213> Human

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35 40 45

Thr Ile Cys Leu Leu Gly Ile Ile Gly Asn Ser Thr Val Ile Phe Ala

50 55 60

Val Val Lys Lys Ser Lys Leu His Trp Cys Asn Val Pro Asp Ile

65 70 75 80

Phe Ile Ile Asn Leu Ser Val Val Asp Leu Leu Phe Leu Leu Gly Met
 85 90 95
 Pro Phe Met Ile His Gln Leu Met Gly Asn Gly Val Trp His Phe Gly
 100 105 110
 Glu Thr Met Cys Thr Leu Ile Thr Ala Met Asp Ala Asn Ser Gln Phe
 115 120 125
 Thr Ser Thr Tyr Ile Leu Thr Ala Met Ala Ile Asp Arg Tyr Leu Ala
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 Thr Val His Pro Ile Ser Ser Thr Lys Phe Arg Lys Pro Ser Val Ala
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 Thr Leu Val Ile Cys Leu Leu Trp Ala Leu Ser Phe Ile Ser Ile Thr
 165 170 175
 Pro Val Trp Leu Tyr Ala Arg Leu Ile Pro Phe Pro Gly Gly Ala Val
 180 185 190
 Gly Cys Gly Ile Arg Leu Pro Asn Pro Asp Thr Asp Leu Tyr Trp Phe
 195 200 205
 Thr Leu Tyr Gln Phe Phe Leu Ala Phe Ala Leu Pro Phe Val Val Ile
 210 215 220
 Thr Ala Ala Tyr Val Arg Ile Leu Gln Arg Met Thr Ser Ser Val Ala
 225 230 235 240
 Pro Ala Ser Gln Arg Ser Ile Arg Leu Arg Thr Lys Arg Val Thr Arg
 245 250 255
 Thr Ala Ile Ala Ile Cys Leu Val Phe Phe Val Cys Trp Ala Pro Tyr
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 Tyr Val Leu Gln Leu Thr Gln Leu Ser Ile Ser Arg Pro Thr Leu Thr
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 Phe Val Tyr Leu Tyr Asn Ala Ala Ile Ser Leu Gly Tyr Ala Asn Ser
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 Cys Leu Asn Pro Phe Val Tyr Ile Val Leu Cys Glu Thr Phe Arg Lys
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<212> DNA

<213> Human

<400> 36

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<213> Human

<400> 37

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Asp	Thr	Val	Ile	Leu	Pro	Ser	Met	Ile	Gly	Ile	Ile	Cys	Ser	Thr	Gly
		35					40					45			
Leu	Val	Gly	Asn	Ile	Leu	Ile	Val	Phe	Thr	Ile	Ile	Arg	Ser	Arg	Lys
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Lys	Thr	Val	Pro	Asp	Ile	Tyr	Ile	Cys	Asn	Leu	Ala	Val	Ala	Asp	Leu
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Val	Asp	Arg	Tyr	Phe	Ala	Leu	Val	Gln	Pro	Phe	Arg	Leu	Thr	Arg	Trp
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Phe	Lys	Asp	Gly	Val	Glu	Ser	Cys	Ala	Phe	Asp	Leu	Thr	Ser	Pro	Asp
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Pro	Leu	Pro	Leu	Ile	Leu	Val	Cys	Tyr	Ile	Leu	Ile	Leu	Cys	Tyr	Thr
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Val	Val	Val	Phe	Ile	Leu	Ser	Ala	Ala	Pro	Tyr	His	Val	Ile	Gln	Leu
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305				310					315					320	
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Lys Ser His Phe
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<213> Human

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